

FIG. 1

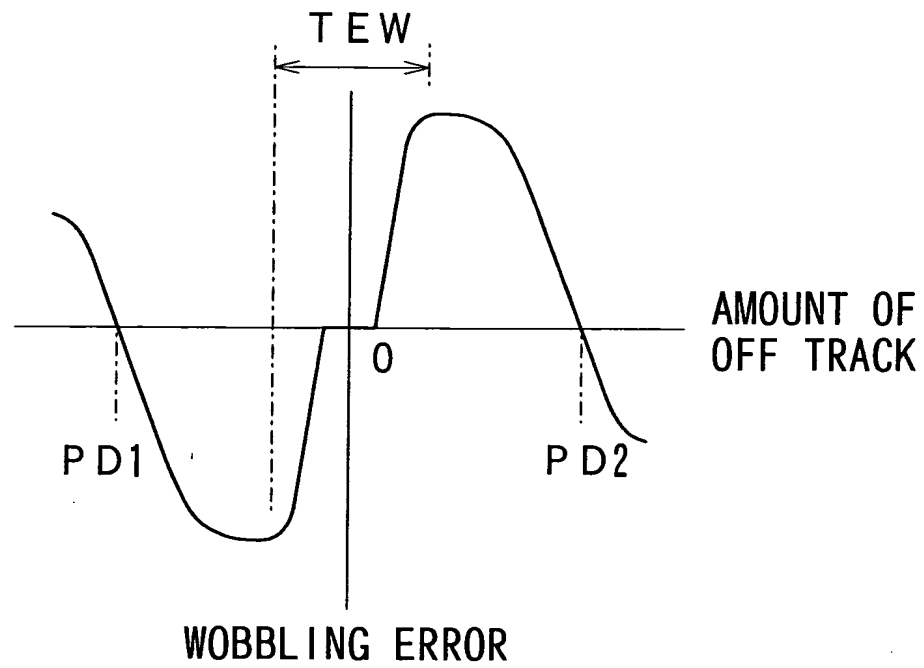
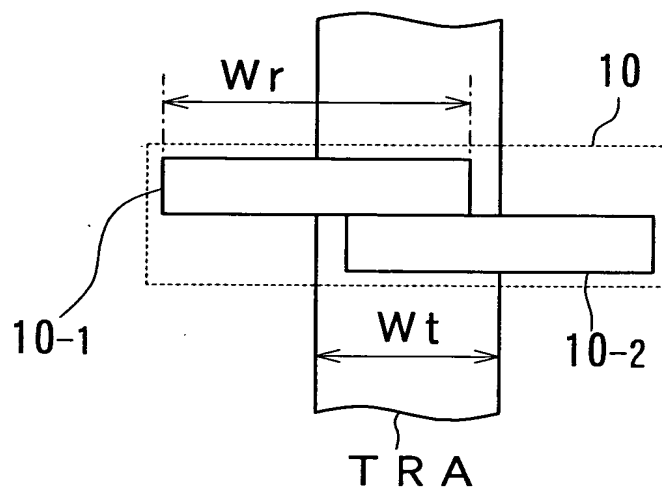
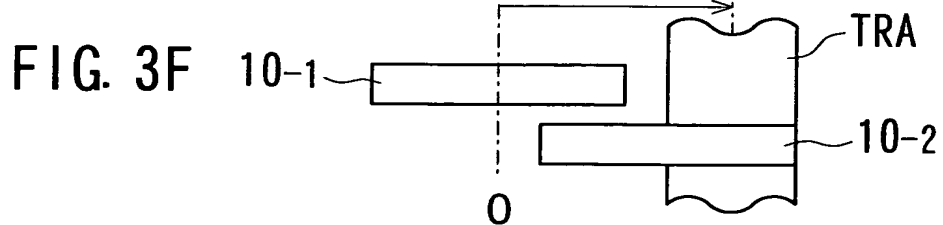
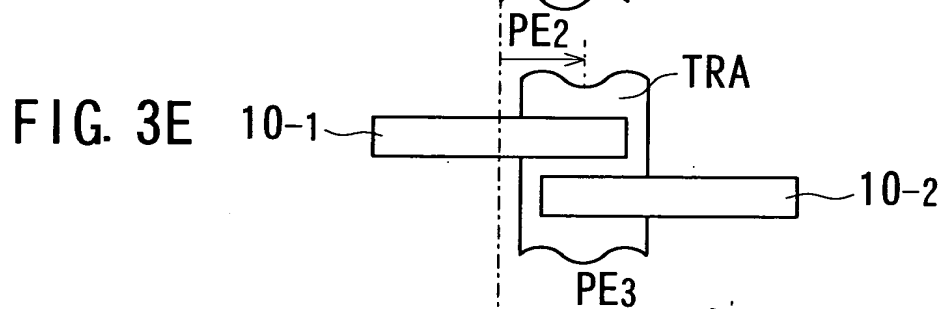
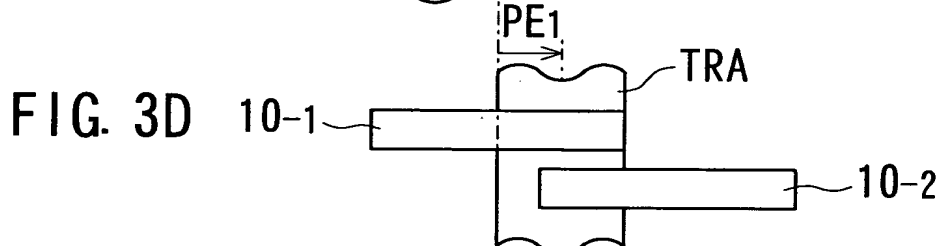
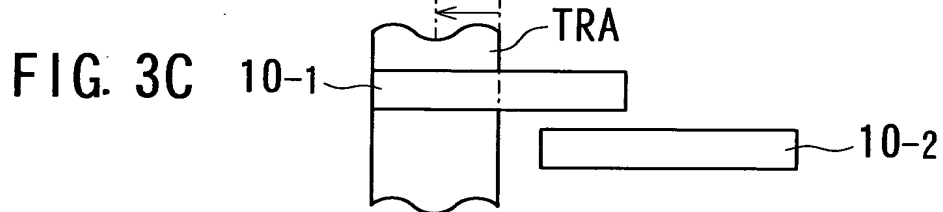
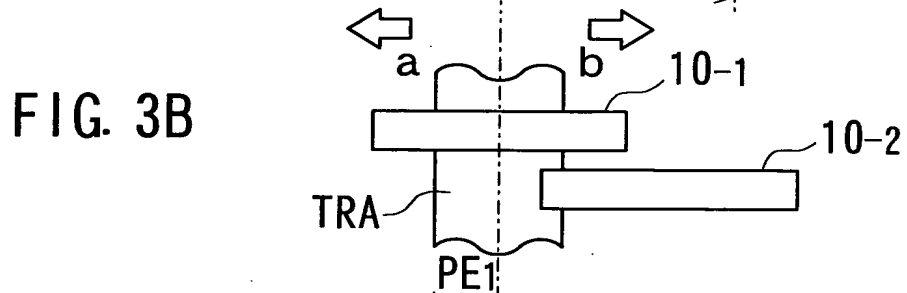
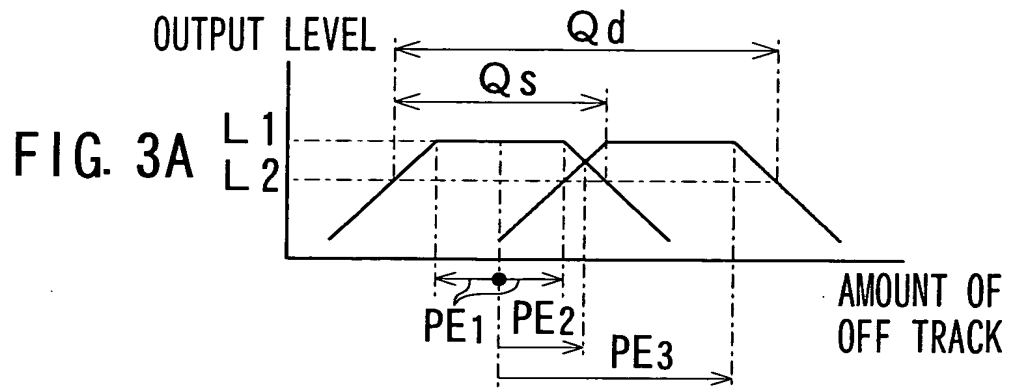


FIG. 2





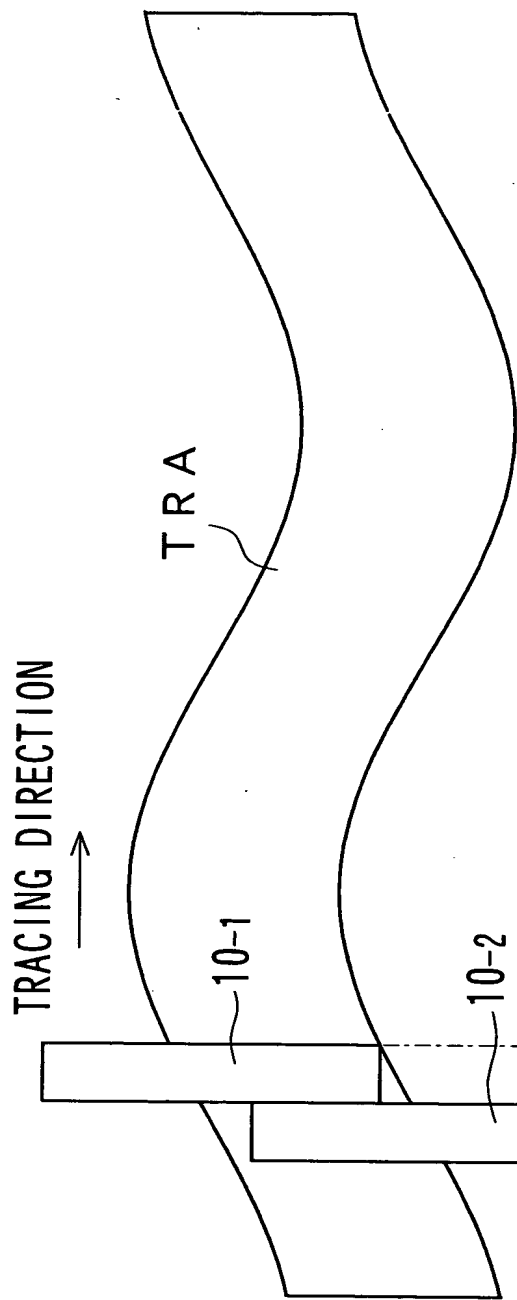


FIG. 4A

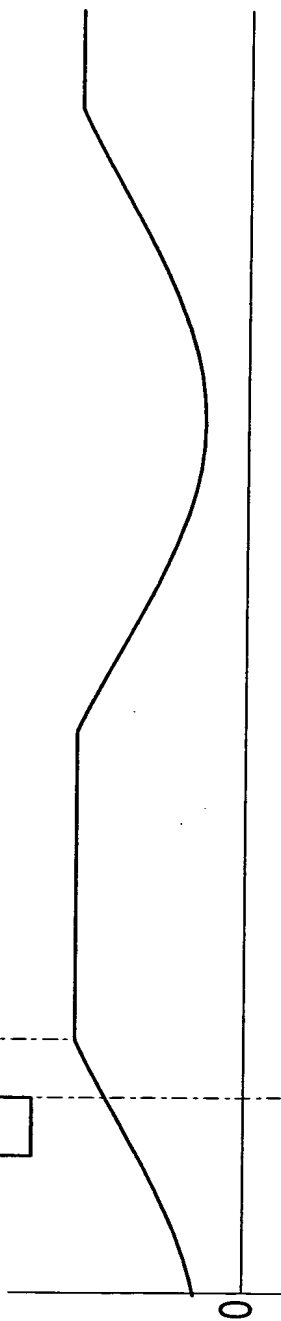


FIG. 4B  
OUTPUT LEVEL  
OF REPRODUCING  
HEAD 10-1

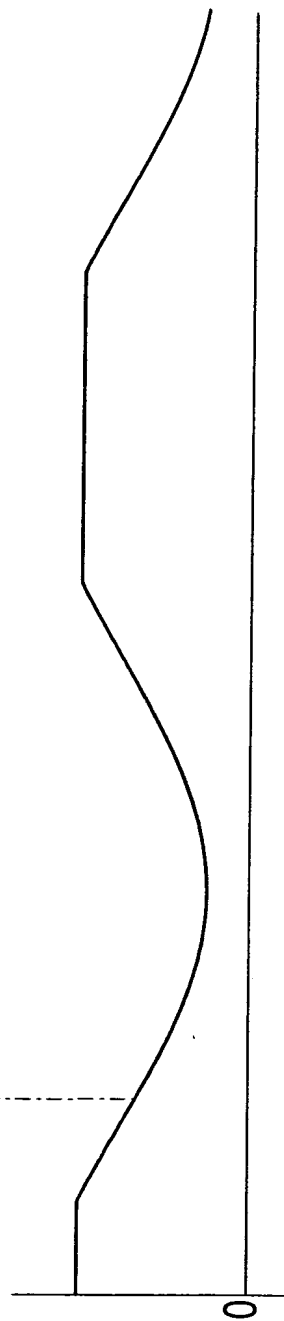
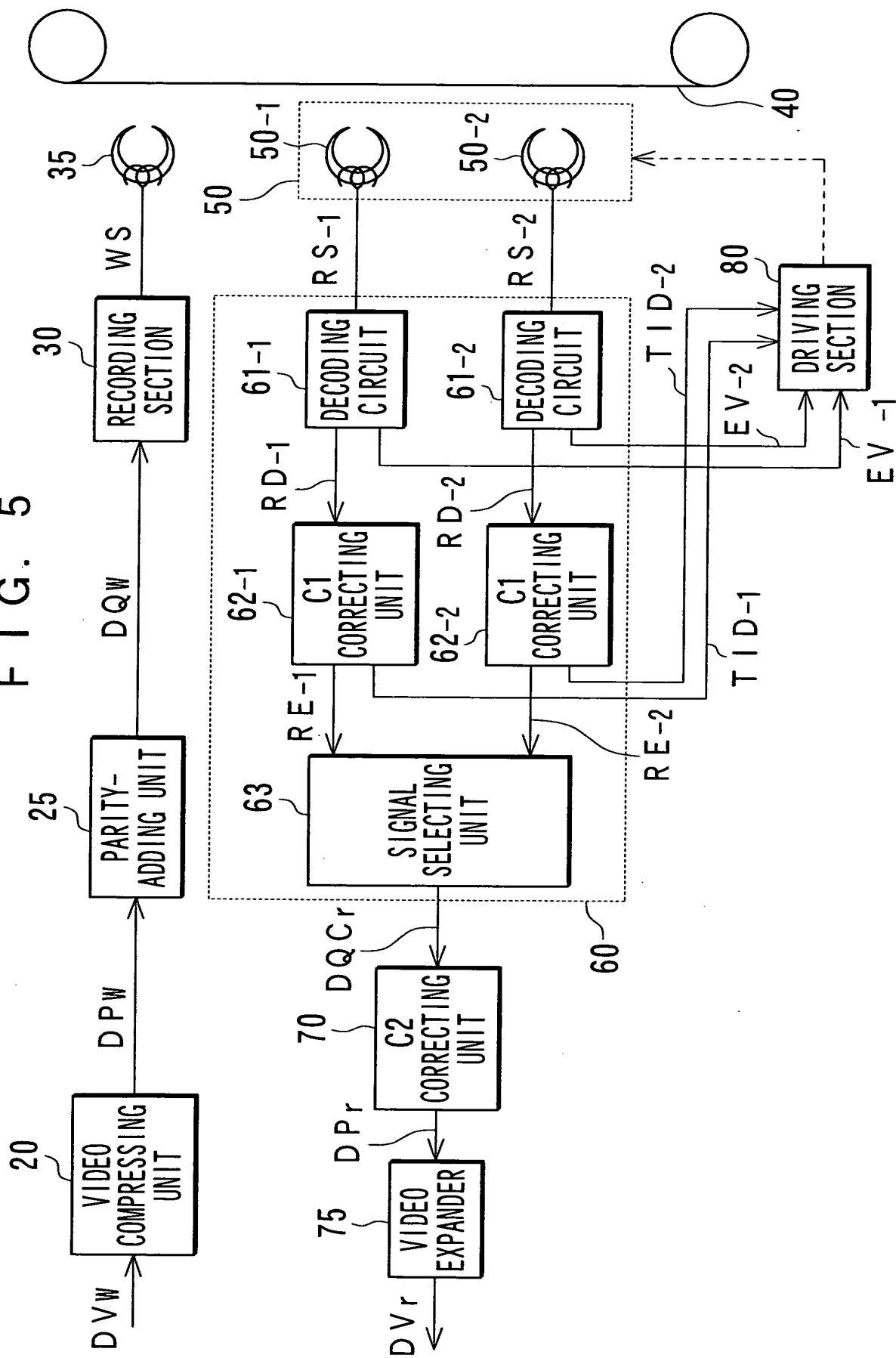


FIG. 4C  
OUTPUT LEVEL  
OF REPRODUCING  
HEAD 10-2

FIG. 5



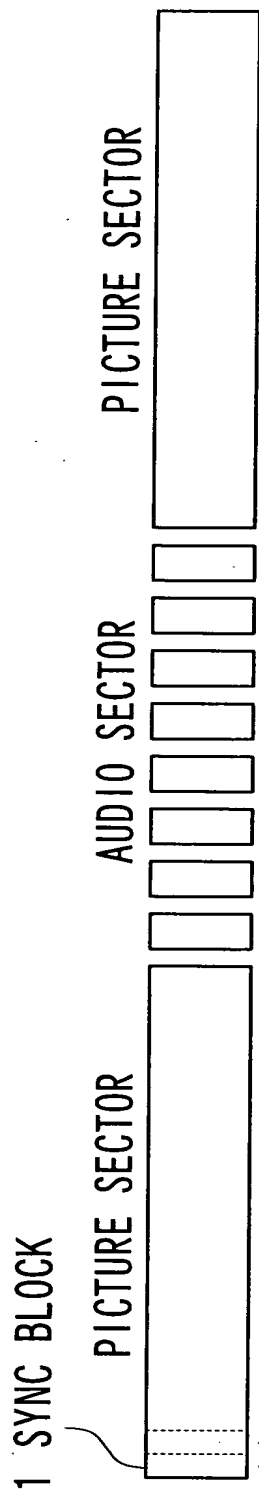


FIG. 6A

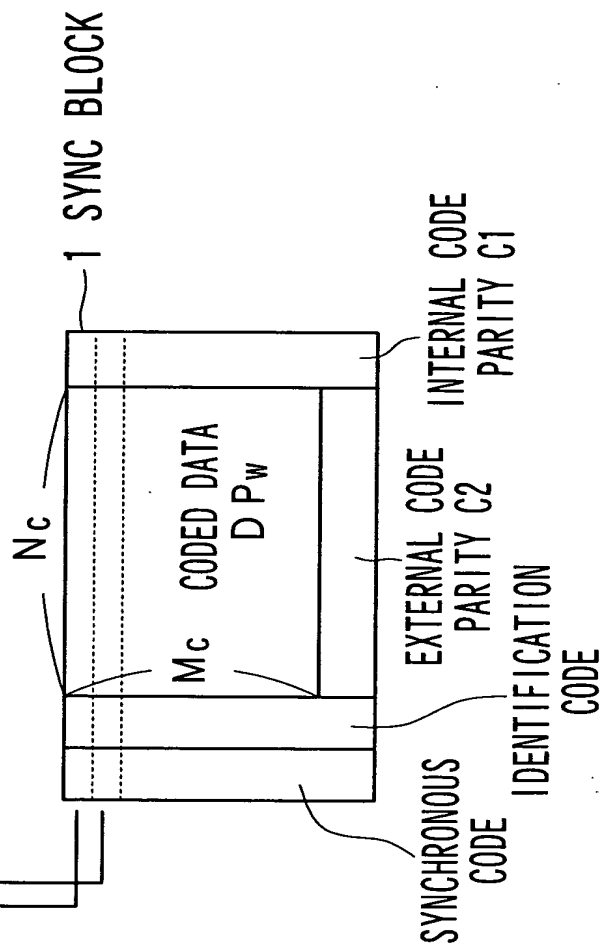
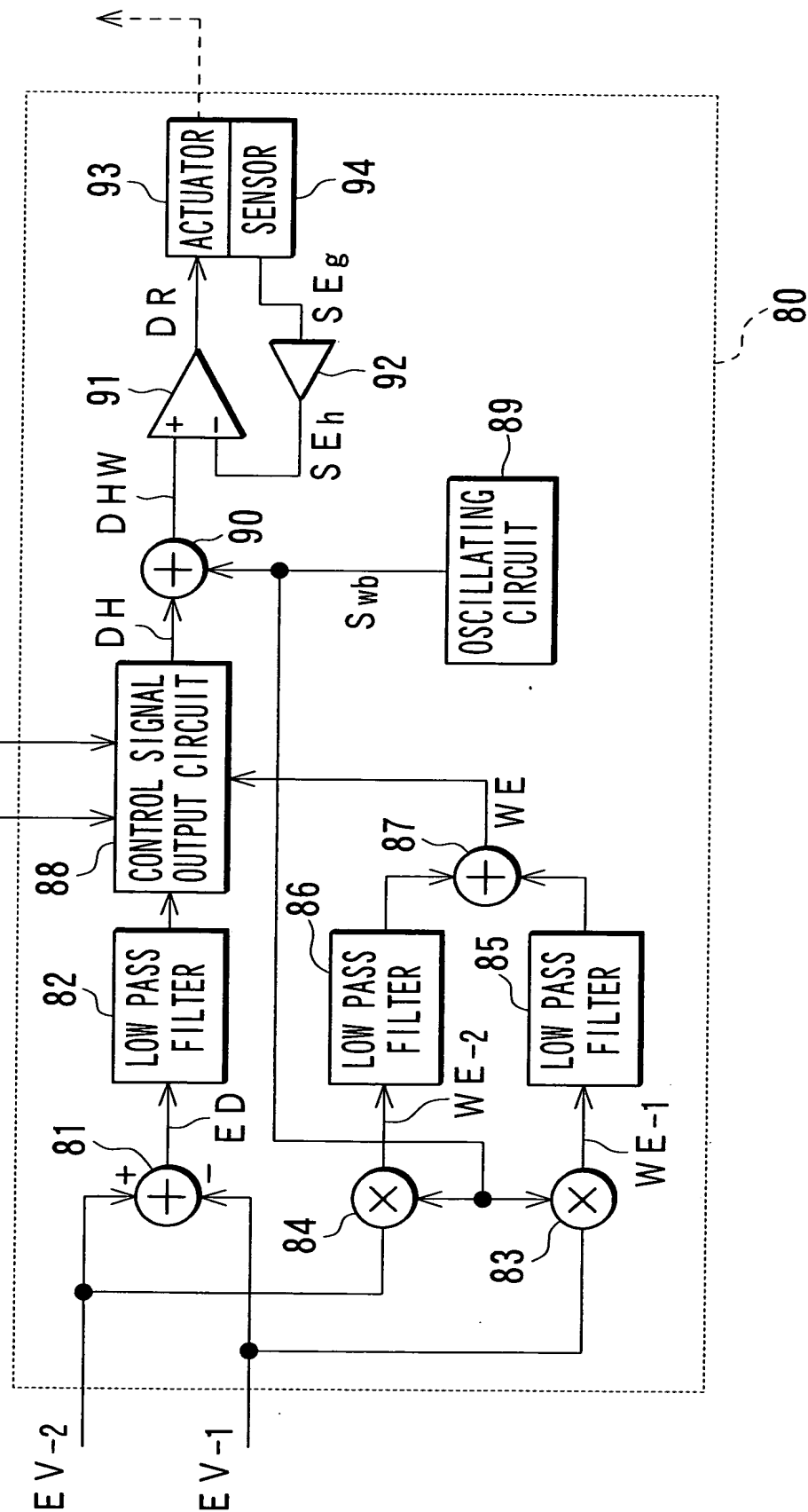
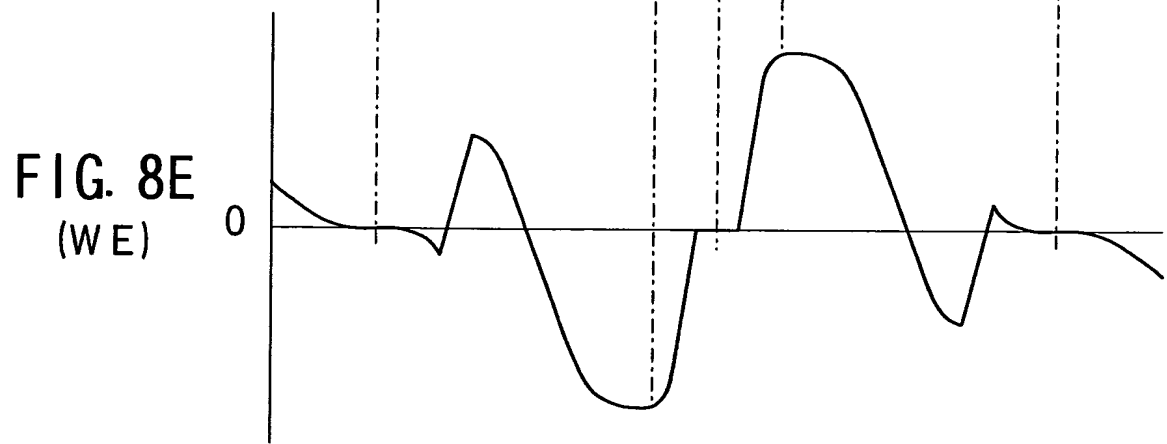
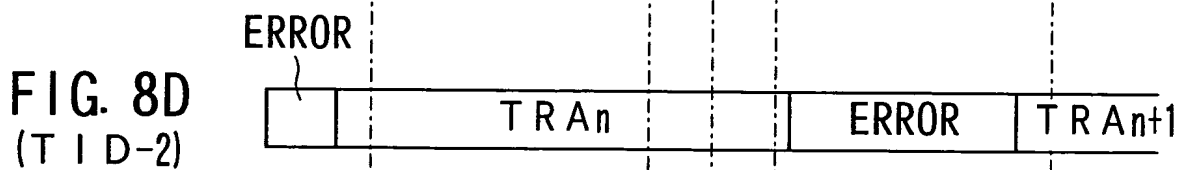
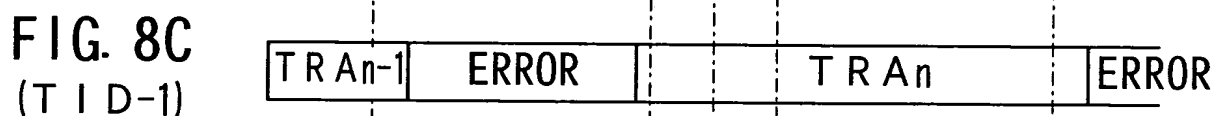
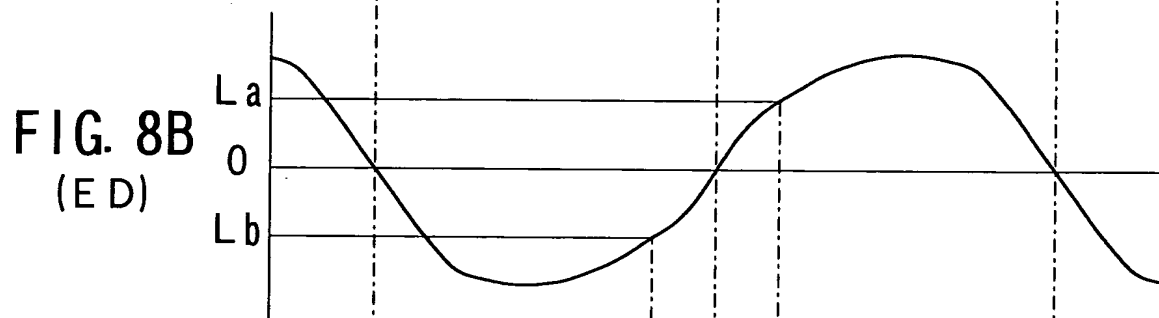
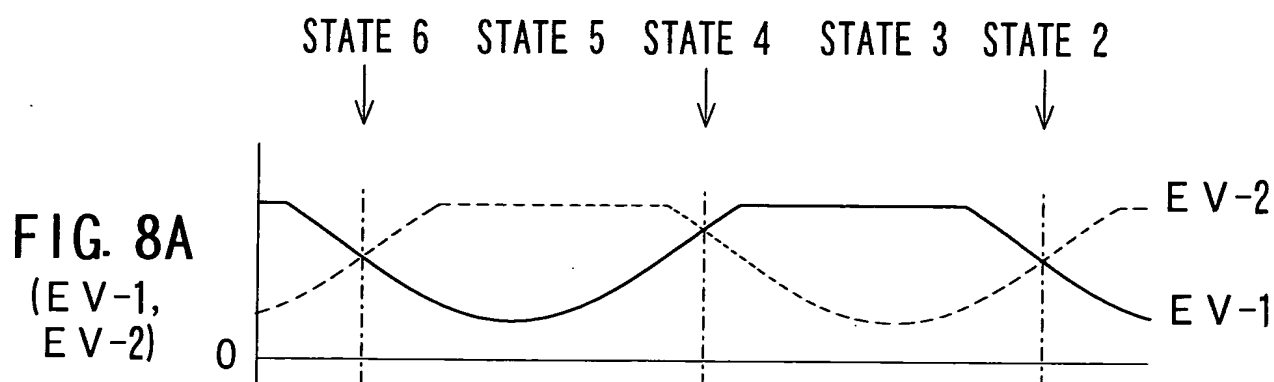


FIG. 6B

# FIG. 7

TID-1 TID-2





TRACING  
DIRECTION

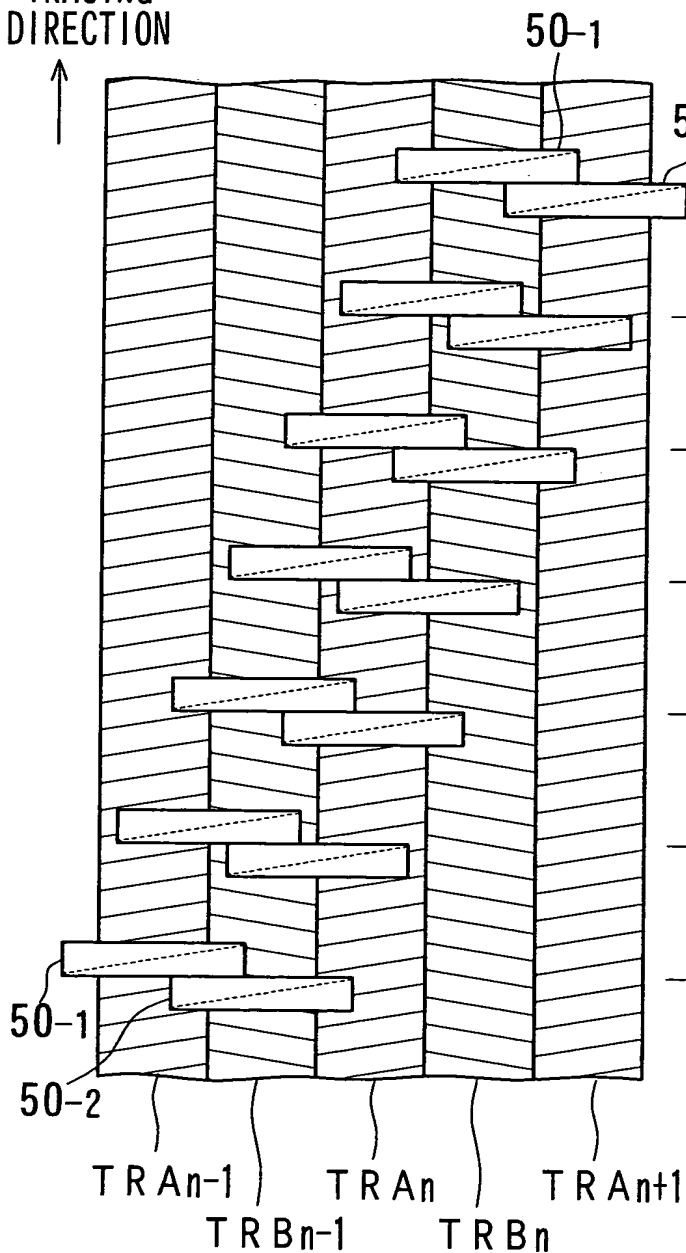


FIG. 9A

TRACK  
IDENTIFICATION  
INFORMATION  
 $TID-1$

TRACK  
IDENTIFICATION  
INFORMATION  
 $TID-2$

STATE		
1	ERROR	$TR A_{n+1}$
2	$TR A_n$	$TR A_{n+1}$
3	$TR A_n$	ERROR
4	$TR A_n$	$TR A_n$
5	ERROR	$TR A_n$
6	$TR A_{n-1}$	$TR A_n$
7	$TR A_{n-1}$	ERROR

FIG. 9B



FIG. 10

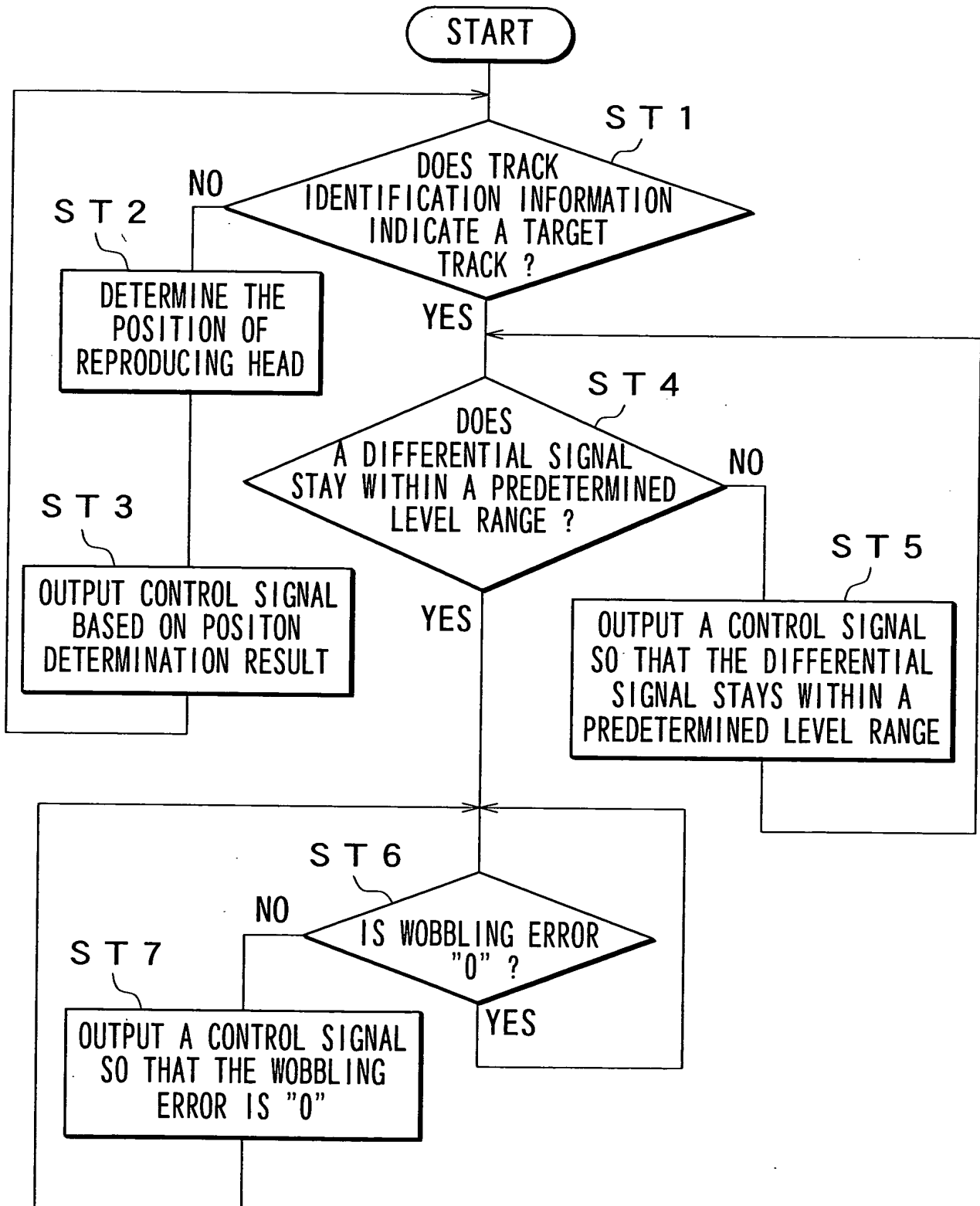


FIG. 11A  
(ED)

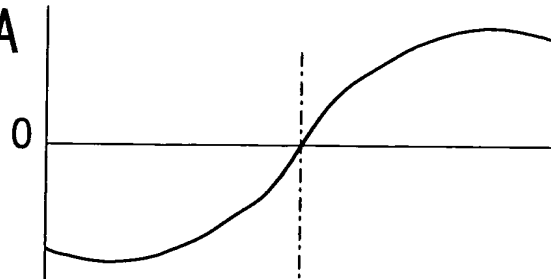


FIG. 11B  
(ED)

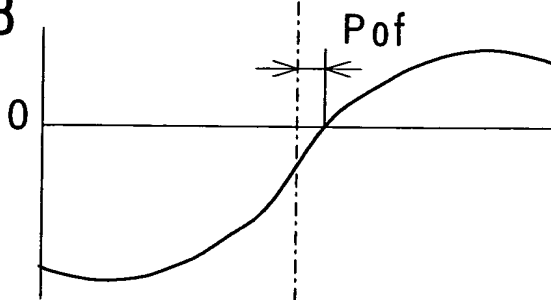
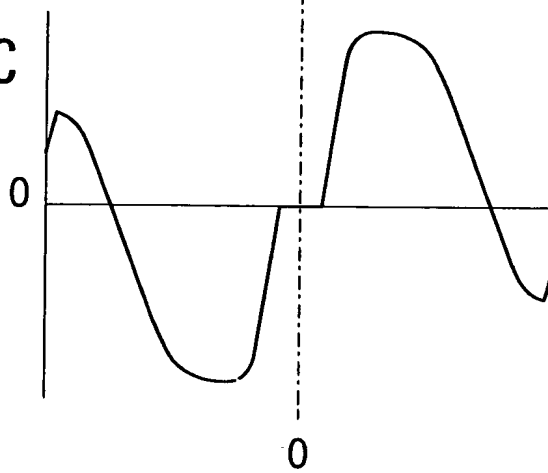


FIG. 11C  
(WE)



(AMOUNT OF OFF TRACK)

F I G . 1 2

